



N7D98076272R



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT**

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NY	NEW

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Babylon Landfill		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Edison Ave.			
03 CITY Babylon	04 STATE NY	05 ZIP CODE 11702	06 COUNTY Suffolk	07 COUNTY CODE 103	08 CONG DIST 02
09 COORDINATES LATITUDE 40° 43' 33.5" W		LONGITUDE 073° 22' 40.0"N			

10 DIRECTIONS TO SITE (Starting from nearest public road)

Southern State Parkway to Straight Path exit north at Edison Ave.

III. RESPONSIBLE PARTIES

01 OWNER (If known) Town of Babylon		02 STREET (Business, mailing, residential) 200 E. Sunrise Hwy.			
03 CITY Babylon	04 STATE NY	05 ZIP CODE 11757	06 TELEPHONE NUMBER (516) 957-3000		
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()		
13 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

none on file

☐ A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 4 13 83 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): NUS CORP.			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1940 BEGINNING YEAR Active ENDING YEAR <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Municipal refuse, septic sludges from residential, commercial and industrial sources.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

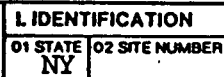
Groundwater contamination in a sole source aquifer region.

V. PRIORITY ASSESSMENT**01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)**

☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Mark Haulenbeek		02 OF (Agency/Organization) USEPA, Region II, Edison, NJ		03 TELEPHONE NUMBER 201, 321-6685	
04 PERSON RESPONSIBLE FOR ASSESSMENT Edward F. McTiernan		05 AGENCY	06 ORGANIZATION NUS CORP.	07 TELEPHONE NUMBER 201, 225-6160	08 DATE 4 29 83 MONTH DAY YEAR

[illegible]

EPA FORM 2070-13(7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

No potential exists due to extensive development in the vicinity of the site.

01 ☒ K. DAMAGE TO FAUNA

04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Contaminants which enter surface waters may impact aquatic fauna in Satapogue Creek and the Great South Bay.

01 ☒ L. CONTAMINATION OF FOOD CHAIN

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Contaminants which enter surface waters may eventually impact food chains.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES

(Spills/Runoff/Standing liquids, Leaking drums)

03 POPULATION POTENTIALLY AFFECTED: 5,000

02 ☒ OBSERVED (DATE: 4/83)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Improper daily cover procedures result in exposure of refuse, numerous leachate seeps and refuse being blown about the site.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY

04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 4/83)

☐ POTENTIAL

☐ ALLEGED

Sheet erosion off the east face of the fill results in flooding on local streets. Also, methane generated from the fill has entered local buildings.

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

No potential exists.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 4/83)

☐ POTENTIAL

☐ ALLEGED

Although the site is fenced it appears that refuse is often illegally dumped while the facility is closed.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Prior to the opening of the Southwest Sewer District in 1981, the landfill received septic wastes from scavengers serving residential, commercial and industrial clients.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 250,000

IV. COMMENTS

V. SOURCES OF INFORMATION (See specific references, e.g., state files, sample analysis, reports)

Site Inspection

Babylon Landfill Monitoring Program 1981-1982 Completion Report by Geraghty

& Miller Inc.

Suffolk County Health Dept files Farmingdale, NY



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☒ OBSERVED (DATE: 1974) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 250,000 04 NARRATIVE DESCRIPTION

An extensive leachate plume emanating from the landfill has been documented since the early 1970s. This plume has resulted in contamination of both the shallow and deep aquifer with dissolved solids, chlorides, organic halogens and other organic compounds.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 10,000 04 NARRATIVE DESCRIPTION

Satapogue Creek begins approximately 2 miles south of the site and may be impacted as a result of subsurface migration of contaminants from the landfill.

01 ☒ C. CONTAMINATION OF AIR 02 ☒ OBSERVED (DATE: 1979) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 10,000 04 NARRATIVE DESCRIPTION

Methane generation from the landfill has resulted in local air quality problems.

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 50 04 NARRATIVE DESCRIPTION

Poor housekeeping practices and improper or insufficient use of daily cover result in potential fire/explosive conditions.

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No potential exists for direct contact with hazardous material in the landfill for the general population.

01 ☒ F. CONTAMINATION OF SOIL 02 ☒ OBSERVED (DATE: 4/83) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: 82 04 NARRATIVE DESCRIPTION

The entire site has been extensively filled. Leachate seeps were observed at the base of the fill.

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☒ OBSERVED (DATE: 1979) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 250,000 04 NARRATIVE DESCRIPTION

Contamination of groundwater has resulted in closure of numerous private wells, extension of public supply systems and relocation of public supply wells.

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No reported history

01 ☒ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 250,000 04 NARRATIVE DESCRIPTION

Contaminants which enter the groundwater supply have the potential to impact large populations.



POTENTIAL HAZARDOUS WASTE SITE

EXECUTIVE SUMMARY

Babylon Landfill
Site Name

Babylon, New York
Address

NEW NYD 9807 62728
EPA Site ID Number
02-8303-07
TDD Number

Date of Site Visit: April 13, 1983

SITE DESCRIPTION

Located in a highly developed section of central Babylon there is an extensive and well documented plume of groundwater contamination associated with the landfill. Public and private drinking water wells have been closed due to contamination with dissolved solids, chlorides, organic halogens and other organic compounds.

PRIORITY FOR FURTHER ACTION: High Medium X Low

RECOMMENDATIONS

Groundwater monitoring by local agencies should be continued.
No recommended role for the EPA at this time.

Prepared by: Edward E. Wehner
of NUS Corporation

Date: 4/26/83



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09 COORDINATES LATITUDE 40° 43' 33.5" W		LONGITUDE 073° 22' 40.0" N			

10 DIRECTIONS TO SITE (Starting from nearest public road)

Southern State Parkway to Straight Path exit north at Edison Ave.

III. RESPONSIBLE PARTIES

01 OWNER (If known) Town of Babylon		02 STREET (Business, mailing, residential) 200 E. Sunrise Hwy.			
03 CITY Babylon	04 STATE NY	05 ZIP CODE 11757	06 TELEPHONE NUMBER (516) 957-3000		
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)			
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13 TYPE OF OWNERSHIP (Check one)

☐ A. PRIVATE ☐ B. FEDERAL: _____ (Agency name) ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER: _____ (Specify) ☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

none on file

☐ A. RCRA 3001 DATE RECEIVED: ____/____/____ ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 4 13 83 <input type="checkbox"/> NO MONTH DAY YEAR		BY (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): NUS CORP.			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1940 Active BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Municipal refuse, septic sludges from residential, commercial and industrial sources.

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Groundwater contamination in a sole source aquifer region.

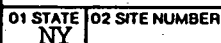
V. PRIORITY ASSESSMENT

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☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Mark Haulenbeek	02 OF (Agency/Organization) USEPA, Region II, Edison, NJ		03 TELEPHONE NUMBER 201, 321-6685	
04 PERSON RESPONSIBLE FOR ASSESSMENT Edward F. McTiernan	05 AGENCY	06 ORGANIZATION NUS CORP.	07 TELEPHONE NUMBER 201, 225-6160	08 DATE 4 29 83 MONTH DAY YEAR



☒ I. HIGHLY VOLATILE
☐ J. EXPLOSIVE
☐ K. REACTIVE
☐ L. INCOMPATIBLE
☐ M. NOT APPLICABLE

EPA FORM 2070-13 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

No potential exists due to extensive development in the vicinity of the site.

01 ☒ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Contaminants which enter surface waters may impact aquatic fauna in Satapogue Creek and the Great South Bay.

01 ☒ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Contaminants which enter surface waters may eventually impact food chains.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/Runoff/Standing liquids, Leaking drums)

02 ☒ OBSERVED (DATE: 4/83)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 5,000

04 NARRATIVE DESCRIPTION

Improper daily cover procedures result in exposure of refuse, numerous leachate seeps and refuse being blown about the site.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 4/83)

☐ POTENTIAL

☐ ALLEGED

Sheet erosion off the east face of the fill results in flooding on local streets. Also, methane generated from the fill has entered local buildings.

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

No potential exists.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 4/83)

☐ POTENTIAL

☐ ALLEGED

Although the site is fenced it appears that refuse is often illegally dumped while the facility is closed.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Prior to the opening of the Southwest Sewer District in 1981, the landfill received septic wastes from scavengers serving residential, commercial and industrial clients.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 250,000

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

Site Inspection

Babylon Landfill Monitoring Program 1981-1982 Completion Report by Geraghty

& Miller Inc.

Suffolk County Health Dept files Farmingdale, NY



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 <input checked="" type="checkbox"/> A. GROUNDWATER CONTAMINATION	02 <input checked="" type="checkbox"/> OBSERVED (DATE: <u>1974</u>)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>250,000</u>	04 NARRATIVE DESCRIPTION An extensive leachate plume emanating from the landfill has been documented since the early 1970s. This plume has resulted in contamination of both the shallow and deep aquifer with dissolved solids, chlorides, organic halogens and other organic compounds.		
01 <input checked="" type="checkbox"/> B. SURFACE WATER CONTAMINATION	02 <input type="checkbox"/> OBSERVED (DATE: _____)	<input checked="" type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>10,000</u>	04 NARRATIVE DESCRIPTION Satapogue Creek begins approximately 2 miles south of the site and may be impacted as a result of subsurface migration of contaminants from the landfill.		
01 <input checked="" type="checkbox"/> C. CONTAMINATION OF AIR	02 <input checked="" type="checkbox"/> OBSERVED (DATE: <u>1979</u>)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>10,000</u>	04 NARRATIVE DESCRIPTION Methane generation from the landfill has resulted in local air quality problems.		
01 <input checked="" type="checkbox"/> D. FIRE/EXPLOSIVE CONDITIONS	02 <input type="checkbox"/> OBSERVED (DATE: _____)	<input checked="" type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>50</u>	04 NARRATIVE DESCRIPTION Poor housekeeping practices and improper or insufficient use of daily cover result in potential fire/explosive conditions.		
01 <input type="checkbox"/> E. DIRECT CONTACT	02 <input type="checkbox"/> OBSERVED (DATE: _____)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____	04 NARRATIVE DESCRIPTION No potential exists for direct contact with hazardous material in the landfill for the general population.		
01 <input checked="" type="checkbox"/> F. CONTAMINATION OF SOIL	02 <input checked="" type="checkbox"/> OBSERVED (DATE: <u>4/83</u>)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 AREA POTENTIALLY AFFECTED: <u>82</u> (ACRES)	04 NARRATIVE DESCRIPTION The entire site has been extensively filled. Leachate seeps were observed at the base of the fill.		
01 <input checked="" type="checkbox"/> G. DRINKING WATER CONTAMINATION	02 <input checked="" type="checkbox"/> OBSERVED (DATE: <u>1979</u>)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>250,000</u>	04 NARRATIVE DESCRIPTION Contamination of groundwater has resulted in closure of numerous private wells, extension of public supply systems and relocation of public supply wells.		
01 <input type="checkbox"/> H. WORKER EXPOSURE/INJURY	02 <input type="checkbox"/> OBSERVED (DATE: _____)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____	04 NARRATIVE DESCRIPTION No reported history		
01 <input checked="" type="checkbox"/> I. POPULATION EXPOSURE/INJURY	02 <input type="checkbox"/> OBSERVED (DATE: _____)	<input checked="" type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>250,000</u>	04 NARRATIVE DESCRIPTION Contaminants which enter the groundwater supply have the potential to impact large populations.		



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION

01 STATE NY 02 SITE NUMBER NEW

II. SITE NAME AND LOCATION

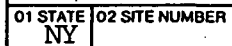
01 SITE NAME (Legal, common, or descriptive name of site) Babylon Landfill		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Edison Ave.			
03 CITY Babylon	04 STATE NY	05 ZIP CODE 11702	06 COUNTY Suffolk	07 COUNTY CODE 103	08 CONG DIST 02
09 COORDINATES LATITUDE W 40° 43' 33.5" LONGITUDE N 073° 22' 40.0"		10 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input checked="" type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN			

III. INSPECTION INFORMATION

01 DATE OF INSPECTION 4 / 13 / 83 MONTH DAY YEAR		02 SITE STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> INACTIVE	03 YEARS OF OPERATION 1940 active UNKNOWN BEGINNING YEAR ENDING YEAR		
04 AGENCY PERFORMING INSPECTION (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR NUS Corporation (Name of firm) <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR (Name of firm) <input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR (Name of firm) <input type="checkbox"/> G. OTHER (Specify)					
05 CHIEF INSPECTOR Edward F. McTiernan		06 TITLE Ecologist		07 ORGANIZATION NUS	08 TELEPHONE NO. (201)225-6160
09 OTHER INSPECTORS Martin O'Neill		10 TITLE Environmental Scientist		11 ORGANIZATION NUS	12 TELEPHONE NO. (201)225-6160
Mike Kramer		Environmental Scientist		NUS	(201)225-6160
					()
					()
					()
13 SITE REPRESENTATIVES INTERVIEWED Walter Lindley		14 TITLE Deputy Commissioner	15 ADDRESS Babylon Landfill Edison Ave. Babylon, NY		16 TELEPHONE NO. 516)957-3000
					()
					()
					()
					()
					()
					()
17 ACCESS GAINED BY (Check one) <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT		18 TIME OF INSPECTION 1:30 pm		19 WEATHER CONDITIONS Sunny mild 50° F winds from the SW	

IV. INFORMATION AVAILABLE FROM

01 CONTACT Mark Haulenbeek		02 OF (Agency/Organization) USEPA Region II, Edison, NJ		03 TELEPHONE NO. 201)321-6685	
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM Edward F. McTiernan		05 AGENCY	06 ORGANIZATION NUS Corp.	07 TELEPHONE NO. (201)225-6160	08 DATE 4 / 20 / 83 MONTH DAY YEAR



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☐ J. EXPLOSIVE
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☐ L. INCOMPATIBLE
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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 <input checked="" type="checkbox"/> A. GROUNDWATER CONTAMINATION	02 <input checked="" type="checkbox"/> OBSERVED (DATE: <u>1974</u>)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>250,000</u>	04 NARRATIVE DESCRIPTION An extensive leachate plume emanating from the landfill has been documented since the early 1970s. This plume has resulted in contamination of both the shallow and deep aquifer with dissolved solids, chlorides, organic halogens and other organic compounds.		
01 <input checked="" type="checkbox"/> B. SURFACE WATER CONTAMINATION	02 <input type="checkbox"/> OBSERVED (DATE: _____)	<input checked="" type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>10,000</u>	04 NARRATIVE DESCRIPTION Satapogue Creek begins approximately 2 miles south of the site and may be impacted as a result of subsurface migration of contaminants from the landfill.		
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01 <input checked="" type="checkbox"/> G. DRINKING WATER CONTAMINATION	02 <input checked="" type="checkbox"/> OBSERVED (DATE: <u>1979</u>)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>250,000</u>	04 NARRATIVE DESCRIPTION Contamination of groundwater has resulted in closure of numerous private wells, extension of public supply systems and relocation of public supply wells.		
01 <input type="checkbox"/> H. WORKER EXPOSURE/INJURY	02 <input type="checkbox"/> OBSERVED (DATE: _____)	<input type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____	04 NARRATIVE DESCRIPTION No reported history		
01 <input checked="" type="checkbox"/> I. POPULATION EXPOSURE/INJURY	02 <input type="checkbox"/> OBSERVED (DATE: _____)	<input checked="" type="checkbox"/> POTENTIAL	<input type="checkbox"/> ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <u>250,000</u>	04 NARRATIVE DESCRIPTION Contaminants which enter the groundwater supply have the potential to impact large populations.		



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE NY	02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No potential exists due to extensive development in the vicinity of the site.

01 ☒ K. DAMAGE TO FAUNA 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

Contaminants which enter surface waters may impact aquatic fauna in Satapogue Creek and the Great South Bay.

01 ☒ L. CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Contaminants which enter surface waters may eventually impact food chains.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES 02 ☒ OBSERVED (DATE: 4/83) ☐ POTENTIAL ☐ ALLEGED
(Spills/Runoff/Standing liquids, Leaking drums)
03 POPULATION POTENTIALLY AFFECTED: 5,000 04 NARRATIVE DESCRIPTION

Improper daily cover procedures result in exposure of refuse, numerous leachate seeps and refuse being blown about the site.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY 02 ☒ OBSERVED (DATE: 4/83) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Sheet erosion off the east face of the fill results in flooding on local streets. Also, methane generated from the fill has entered local buildings.

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No potential exists.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING 02 ☒ OBSERVED (DATE: 4/83) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Although the site is fenced it appears that refuse is often illegally dumped while the facility is closed.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Prior to the opening of the Southwest Sewer District in 1981, the landfill received septic wastes from scavengers serving residential, commercial and industrial clients.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 250,000

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

Site Inspection
Babylon Landfill Monitoring Program 1981-1982 Completion Report by Geraghty & Miller Inc.
Suffolk County Health Dept files Farmingdale, NY



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE NY 02 SITE NUMBER

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. NPDES				
<input type="checkbox"/> B. UIC				
<input type="checkbox"/> C. AIR				
<input type="checkbox"/> D. RCRA				
<input type="checkbox"/> E. RCRA INTERIM STATUS				
<input type="checkbox"/> F. SPCC PLAN				
<input checked="" type="checkbox"/> G. STATE (Specify)	Unknown			Interim 360 permit
<input type="checkbox"/> H. LOCAL (Specify)				
<input type="checkbox"/> I. OTHER (Specify)				
<input type="checkbox"/> J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input type="checkbox"/> A. SURFACE IMPOUNDMENT			<input type="checkbox"/> A. INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B. PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION	3
<input type="checkbox"/> C. DRUMS, ABOVE GROUND			<input type="checkbox"/> C. CHEMICAL/PHYSICAL	
<input type="checkbox"/> D. TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL	
<input type="checkbox"/> E. TANK, BELOW GROUND			<input type="checkbox"/> E. WASTE OIL PROCESSING	06 AREA OF SITE
<input checked="" type="checkbox"/> F. LANDFILL	82	acres	<input type="checkbox"/> F. SOLVENT RECOVERY	82 (Acres)
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H. OPEN DUMP			<input checked="" type="checkbox"/> H. OTHER Landfill (Specify)	
<input type="checkbox"/> I. OTHER (Specify)				

07 COMMENTS

The site is an 82 acre municipal landfill which formerly had two incinerators, a waste water treatment plant and a lagoon for septic wastes. The incinerators were closed in 1976 and the facility stopped accepting septic wastes in 1981.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE

☐ B. MODERATE

☒ C. INADEQUATE, POOR

☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

Of the total 82 acres only ⁺5 acres are lined with clay. There is limited cover material available onsite. There is limited leachate collection; however a passive methane venting system was installed in 1981.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☒ NO

02 COMMENTS

The site is fenced however it appears that the fence is incomplete.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

Interview with Walter Lindley, Deputy Commissioner Babylon Landfill, (516) 957-3000
New York DEC Region I files
Site Inspection



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY
(Check as applicable)

SURFACE WELL
COMMUNITY A. ☐ B. ☒
NON-COMMUNITY C. ☐ D. ☐

02 STATUS

ENDANGERED AFFECTED MONITORED
A. ☒ B. ☒ C. ☒
D. ☐ E. ☐ F. ☐

03 DISTANCE TO SITE

A. ±1 (mi)
B. _____ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☒ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING
(Other sources available)
COMMERCIAL, INDUSTRIAL, IRRIGATION
(No other water sources available)
☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION
(Limited other sources available)
☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER 250,000

03 DISTANCE TO NEAREST DRINKING WATER WELL ±1 (mi)

04 DEPTH TO GROUNDWATER

30 (ft)

05 DIRECTION OF GROUNDWATER FLOW

SE

06 DEPTH TO AQUIFER
OF CONCERN

±115 (ft)

07 POTENTIAL YIELD
OF AQUIFER

> 25,000 (gpd)

08 SOLE SOURCE AQUIFER

☒ YES ☐ NO

09 DESCRIPTION OF WELLS (Including usage, depth, and location relative to population and buildings)

There is an extensive groundwater monitoring network associated with the Babylon Landfill which utilizes approximately 30 wells in the vicinity of the site. North of the site there is a major Suffolk City Water Authority well field in Deer Park. There are several non-municipal community wells south of the site which may be

10 RECHARGE AREA

☒ YES

☐ NO

COMMENTS This area is a major recharge zone for the shallow aquifer and discharges to the Great South Bay.

11 DISCHARGE AREA

☐ YES

☒ NO

COMMENTS

endangered.

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☒ A. RESERVOIR, RECREATION
DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY
IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:

AFFECTED

DISTANCE TO SITE

Satapogue Creek

☒

1 (mi)

Amityville Creek

☐

1.5 (mi)

Great South Bay

☐

2 (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE

A. 23,000
NO. OF PERSONS

TWO (2) MILES OF SITE

B. 62,000
NO. OF PERSONS

THREE (3) MILES OF SITE

C. 84,000
NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION

0.5 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE

1000

04 DISTANCE TO NEAREST OFF-SITE BUILDING

0.1 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

The site is located in a mixed use light industrial and residential portion of central Babylon. The Town of Babylon is one of the most densely developed areas in Suffolk County and has a total population of approximately 250,000.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE NY 02 SITE NUMBER

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☐ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-4} - 10^{-3}$ cm/sec ☒ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE
(Less than 10^{-6} cm/sec) ☒ B. RELATIVELY IMPERMEABLE
($10^{-4} - 10^{-6}$ cm/sec) ☐ C. RELATIVELY PERMEABLE
($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE
(Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

+1300 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

Unknown (ft)

05 SOIL pH

4.5 - 5.5

06 NET PRECIPITATION

+23 (in)

07 ONE YEAR 24 HOUR RAINFALL

+2.8 (in)

08 SLOPE
SITE SLOPE
Variable %

DIRECTION OF SITE SLOPE
Variable

TERRAIN AVERAGE SLOPE
0-5 %

09 FLOOD POTENTIAL

SITE IS IN 100 YEAR FLOODPLAIN

10

☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE

A. +5 (mi)

OTHER

B. Not applicable (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

(mi)

ENDANGERED SPECIES: None

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

RESIDENTIAL AREAS; NATIONAL/STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

A. adjacent (mi)

B. 0.25 (mi)

C. 0.25 (mi) D. 0.25 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site is an 82 acre landfill approximately 5 miles north of the Great South Bay. the surface deposits are glacial in origin and about 90 feet thick at the landfill. These surface deposits form the upper glacial aquifer in this area. Beneath this aquifer is 10-13 feet of Gardiners Clay. Below the clay layer there is an artesian aquifer called the Magothy which is the major source of potable water on Long Island.

The surface topography in the vicinity of the site is a generally flat coastal plain which supports mixed hardwoods and a reminent pine barrens forest.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Long Island 208 study - Long Island Regional Planning Board
Babylon Landfill Monitoring Program 1981-1982 Completion Report by Geraghty & Miller, Inc.

Site Inspection



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE
NY

02 SITE NUMBER

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER		No samples taken	
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL			
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE Air Quality	02 COMMENTS Photoionizer (HNU) did not detect air contamination above background 1
Air Quality	Organic Vapor Analyzer detected several possible organic contaminants although specific identification was not possible

IV. PHOTOGRAPHS AND MAPS

01 TYPE <input checked="" type="checkbox"/> GROUND <input type="checkbox"/> AERIAL	02 IN CUSTODY OF <u>Edward F. McTiernan</u> <small>(Name of organization or individual)</small>
03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	04 LOCATION OF MAPS <u>Site location map and site map are attached as Figures 1 & 2.</u>

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

None

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE NY 02 SITE NUMBER

II. CURRENT OWNER(S)				PARENT COMPANY (If applicable)			
01 NAME Town of Babylon		02 D+B NUMBER None		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 200 E. Sunrise Hwy.		04 SIC CODE Not applicable		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY North Lindenhurst		06 STATE NY	07 ZIP CODE 11757	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
01 NAME		02 D+B NUMBER		08 NAME		09 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		10 STREET ADDRESS (P.O. Box, RFD #, etc.)		11 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	12 CITY		13 STATE	14 ZIP CODE
III. PREVIOUS OWNER(S) (List most recent first)				IV. REALTY OWNER(S) (If applicable; list most recent first)			
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)							
Site Inspection							



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. CURRENT OPERATOR (Provide if different from owner)

OPERATOR'S PARENT COMPANY (If applicable)

01 NAME Town of Babylon	02 D+B NUMBER None	10 NAME	11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 200 E. Sunrise Hwy	04 SIC CODE Not applicable	12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE
05 CITY North Lindenhurst	06 STATE NY	07 ZIP CODE 11757	14 CITY 15 STATE 16 ZIP CODE
08 YEARS OF OPERATION 1940-present	09 NAME OF OWNER		

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

01 NAME	02 D+B NUMBER	10 NAME	11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY 15 STATE 16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD		
01 NAME	02 D+B NUMBER	10 NAME	11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY 15 STATE 16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD		
01 NAME	02 D+B NUMBER	10 NAME	11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY 15 STATE 16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD		

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY

II. ON-SITE GENERATOR

01 NAME Not applicable	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. PAST RESPONSE ACTIVITIES

01 <input checked="" type="checkbox"/> A. WATER SUPPLY CLOSED 04 DESCRIPTION Several public and private wells south of the site were closed after contaminants were found.	02 DATE 1979	03 AGENCY USGS/Suffolk Cty Health
01 <input checked="" type="checkbox"/> B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION The town has installed a reverse osmosis drinking water treatment plant for 5 homes on Beaver Lane about 1 mile SE of the site.	02 DATE 1980	03 AGENCY Town of Babylon
01 <input checked="" type="checkbox"/> C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION Several private wells were removed from service and placed on public water in the late 1970s.	02 DATE 1979	03 AGENCY Suffolk Cty Water Auth.
01 <input type="checkbox"/> D. SPILLED MATERIAL REMOVED 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> F. WASTE REPACKAGED 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> H. ON SITE BURIAL 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input checked="" type="checkbox"/> I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> L. ENCAPSULATION 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> N. CUTOFF WALLS 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> O. EMERGENCY DIKING/SURFACE WATER DIVERSION 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY
01 <input type="checkbox"/> Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION Not applicable	02 DATE	03 AGENCY



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☐ S. CAPPING/COVERING
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☐ T. BULK TANKAGE REPAIRED
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☐ U. GROUT CURTAIN CONSTRUCTED
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☐ V. BOTTOM SEALED
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☒ W. GAS CONTROL
04 DESCRIPTION

02 DATE 1980

03 AGENCY Town of Babylon

The Town of Babylon installed a passive methane venting system at the landfill to reduce gas collection in local buildings.

01 ☐ X. FIRE CONTROL
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☐ Y. LEACHATE TREATMENT
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☐ Z. AREA EVACUATED
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☐ 1. ACCESS TO SITE RESTRICTED
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☐ 2. POPULATION RELOCATED
04 DESCRIPTION

02 DATE

03 AGENCY

Not applicable

01 ☐ 3. OTHER REMEDIAL ACTIVITIES
04 DESCRIPTION

02 DATE

03 AGENCY

None

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

New York State DEC Region I Files

Interview with Walter Lindley, Deputy Commissioner Town Of Babylon

(516) 957-3000



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NY

II. ENFORCEMENT INFORMATION

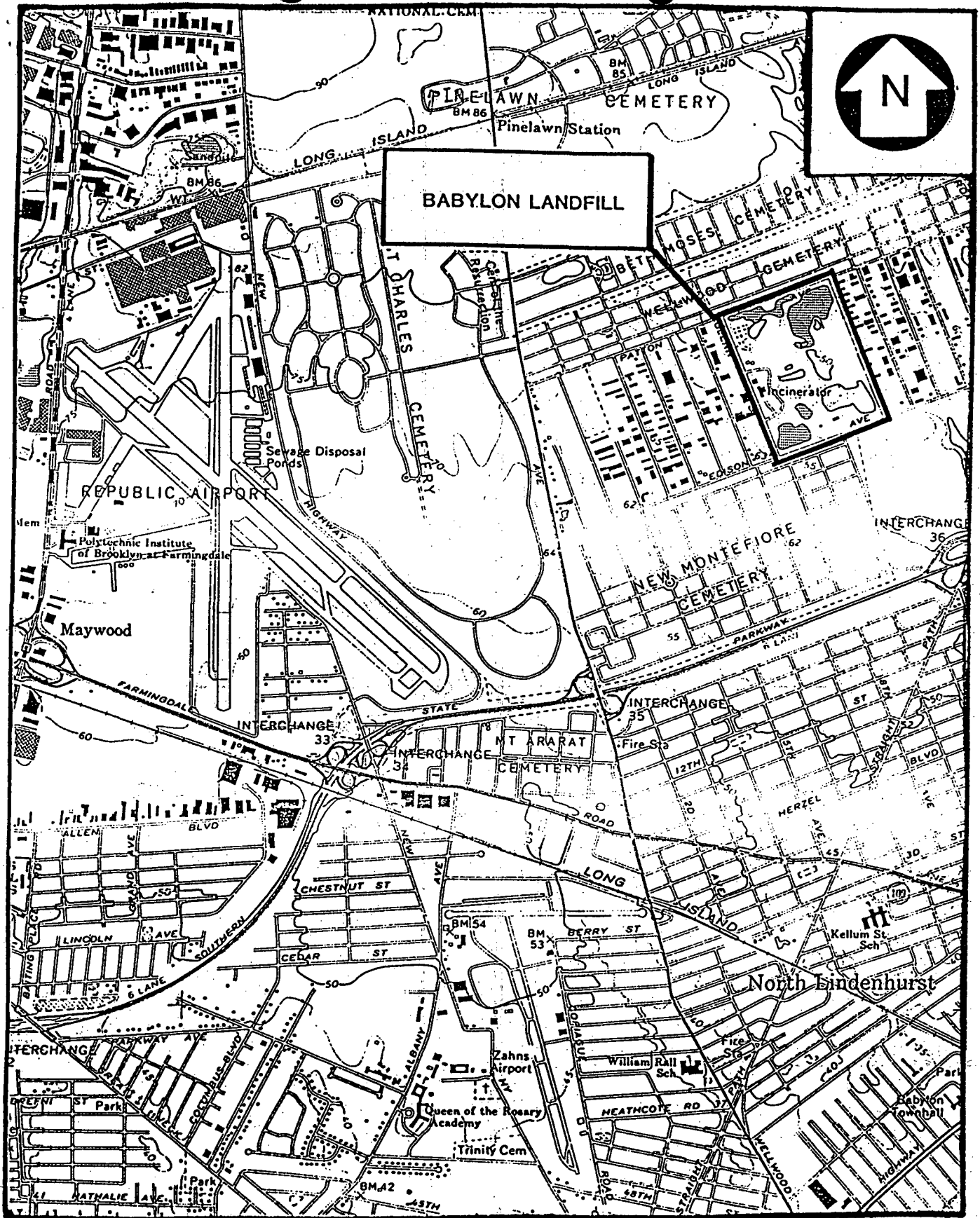
01 PAST REGULATORY/ENFORCEMENT ACTION ☒ YES ☐ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

There were two onsite incinerators which ceased operation in 1975 and 1976 after difficulties with EPA air quality standards.

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Interview with Walter Lindley Deputy Commissioner (516) 957-3000



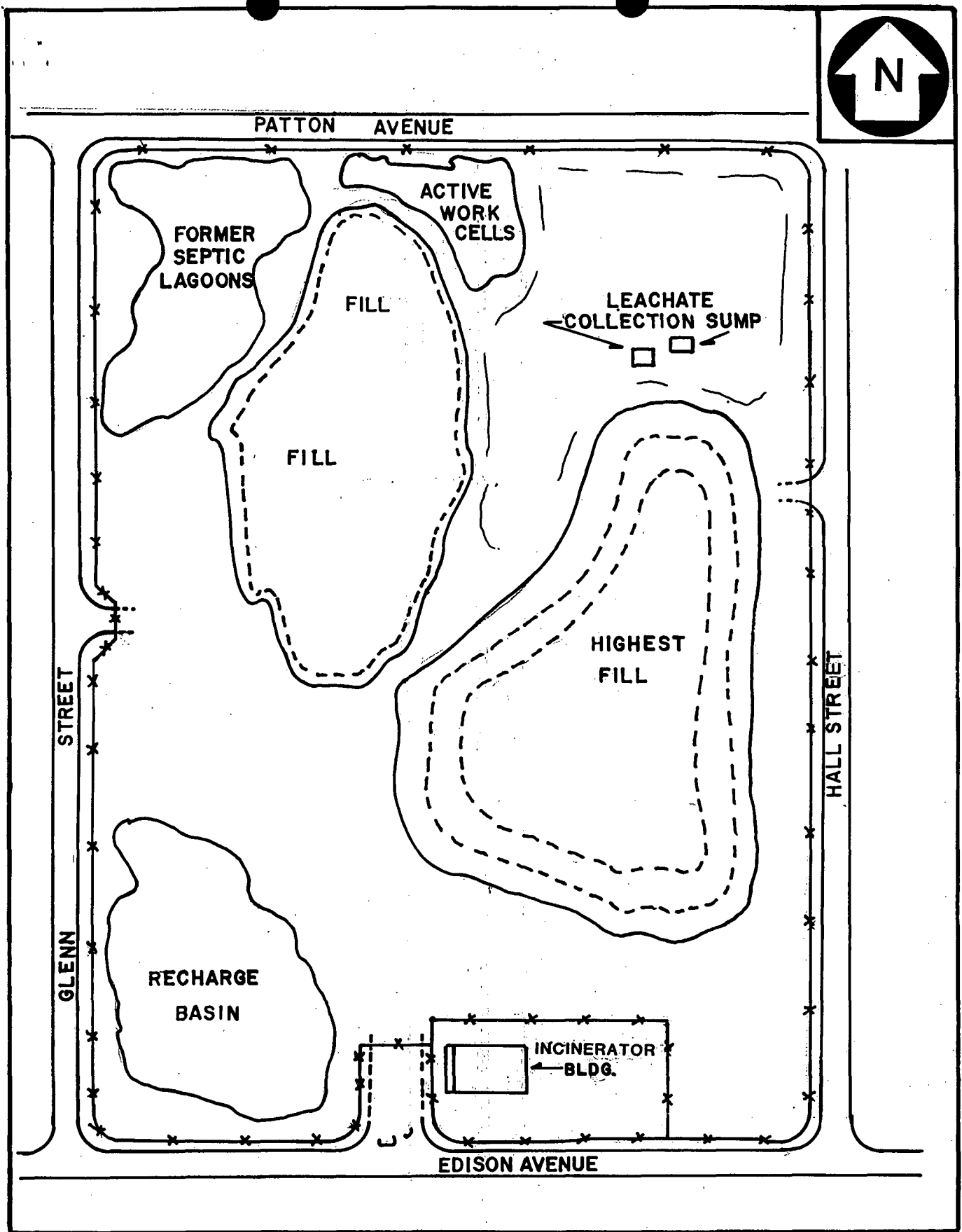
BABYLON LANDFILL

FIGURE 1

BABYLON, N.Y.

SITE LOCATION MAP





BABYLON LANDFILL

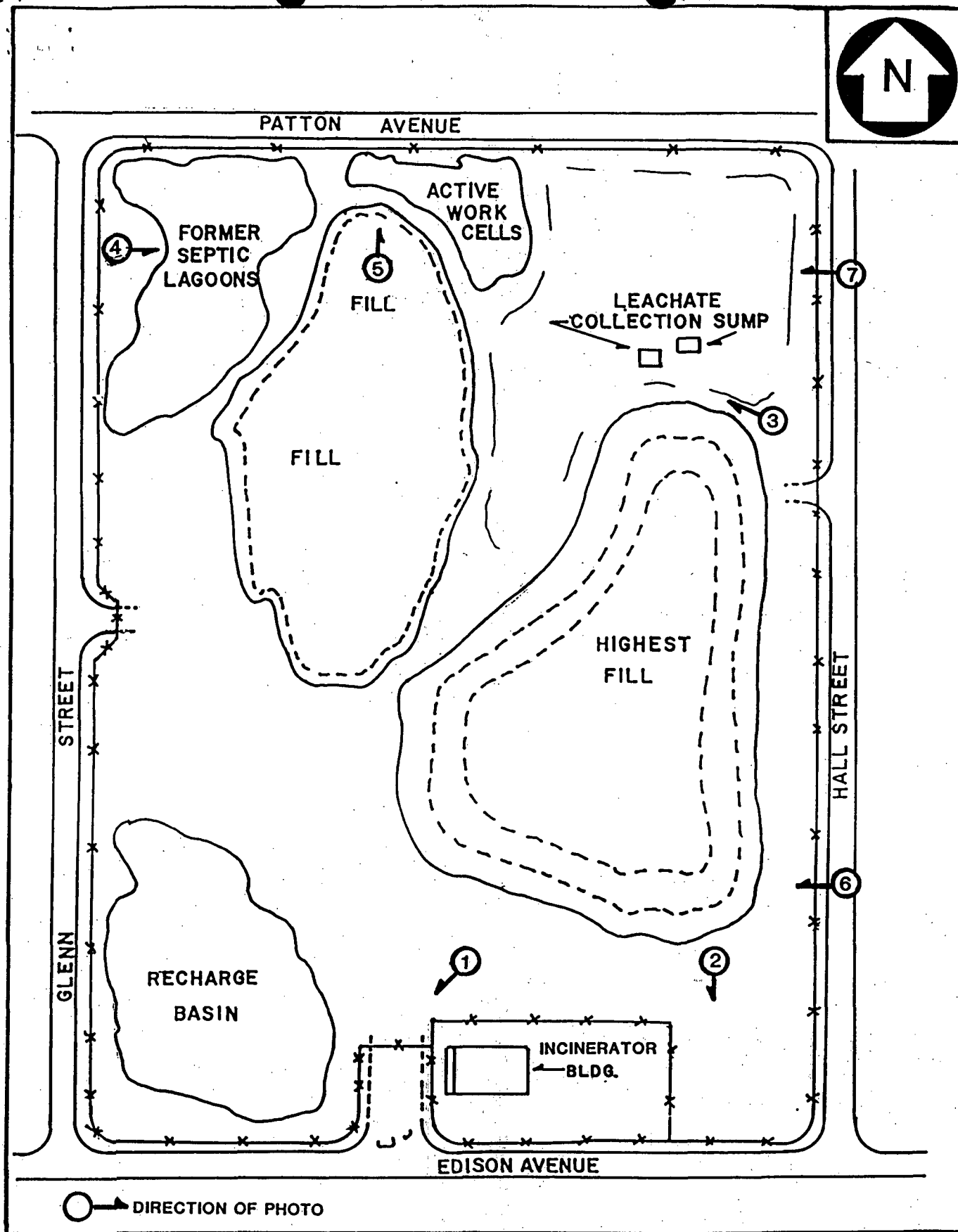
FIGURE 2

BABYLON, N.Y.

SITE MAP

NOT TO SCALE





BABYLON LANDFILL

FIGURE 3

BABYLON, N.Y.

PHOTO LOCATION MAP

NOT TO SCALE



INDEX TO PHOTOGRAPHS

BABYLON LANDFILL

Babylon, New York

April 13, 1983

1. View west from access road of inactive incinerator buildings.
2. View south along access road.
3. Leachate seep along northern base of fill.
4. View east of former septic lagoon area.
5. View north of edge of active work cell.
6. Methane venting chimney on east edge of site.
7. View west of leachate collection sump at the northwest corner of the site.



1. View west from access road of inactive incinerator buildings.



2. View south along access road.

BABYLON LANDFILL, Babylon, New York
April 13, 1983



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4. View east of former septic lagoon area.



5. View north of edge of active work cell.



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